



UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL ENVIRONMENTAL SATELLITE, DATA,
AND INFORMATION SERVICE
Washington, D.C. 20235

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FEDERAL COMMUNICATIONS COMMISSION
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Office of the Secretary.

Ref: ET Docket No. 93-59

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JUN 17 1993

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

In the Matter of)	
)	
Amendment of Section 2.106 of)	
the Commission's Rules to)	ET Docket No. 93-59
Allocate Spectrum for)	RM-8092
Wind Profiler Radar Systems)	

COMMENTS

of the

National Oceanic and Atmospheric Administration

The National Oceanic and Atmospheric Administration (NOAA), in the Department of Commerce, has for many years built and tested wind profiling radars (profilers). NOAA currently operates a Wind Profiler Demonstration Network (WPDN), consisting of approximately 30 profiler sites, built so NOAA could determine their value to meteorology. Several years of WPDN operation have shown that profilers do, in fact, live up to their promise of providing frequent, accurate and reliable measurements of wind profiles. These data have proven to be of great value in the diagnosis and prediction of a broad variety of potentially hazardous meteorological phenomena.

For profilers to meet NOAA's need for a real-time operational system, they must be deployed in a network covering the entire country. NOAA plans to build a national network of 150-250 profilers based on experience gained from the